Planning for Math Instruction – Unit 5th Grade Patterns, Functions, and Change

Stage 1 – Desired Results

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| Organizing Concept | Highlighted desired results |
| Operations and Algebraic Thinking: Patterns and Relations | Linear function tables using Algebraic Rules (input/output tables)  Symbols to represent unknown quantities  \*savings/checking |
| Geometry: Coordinate Plane | Represent patterns on Coordinate Plane  Where to plot x and y |
| Operations and Algebraic Thinking: Numerical Expressions | Order of Operations-  Conventions ( ), [ ], or { }  (\*10 min. math) |

Stage 2 – Assessment

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| Organizing Concept | Assessment – Summative and Formative, progress monitoring considerations, pre-assessment, Post-assessment |
| Patterns and Relations | Investigation 1  Pre-assessment – Investigation 1.4  Progress Monitoring – Investigation 1.4 |
| Coordinate Plane | Investigation 2  Progress Monitoring – observations/questions  Post-Test – Investigations 2.8 |
| Numerical Expressions | \*Observations During 10 min. Math  One question on Post – Assessment |

Stage 3 – Learning Plan

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| Organizing Concept | Instructional Considerations from resource – Differentiation, Interventions, Challenges/Extensions |
| Patterns and Relations | Investigation 1: Session 1.1 use as pre-test  Sessions 1.2 & 1.3 > substitute money session 1.4, Progress Monitor session 1.5 |
| Coordinate Plane | Investigations 2: Follow Investigations Sessions 2.1 – 2.7, 2.8 Unit Post- Assessment |
| Numerical Expressions | 10 Min. Math |